



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁷ :

G06F 1/00, 12/14

A1

(11) International Publication Number:

WO 00/42490

(43) International Publication Date:

20 July 2000 (20.07.00)

(21) International Application Number: PCT/SE00/00027

(22) International Filing Date: 10 January 2000 (10.01.00)

(30) Priority Data:

9900051-5

11 January 1999 (11.01.99)

SE

60/115,488

11 January 1999 (11.01.99)

US

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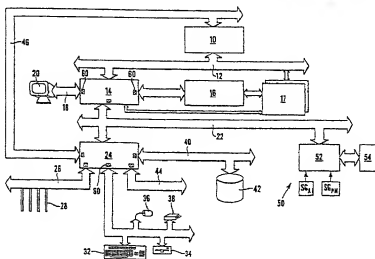
(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GR, GM, HR, HU, ID, IL, IN, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LV, LU, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published

With international search report.

Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

(54) Title: / SYSTEM FOR DATA PROCESSING A SECURITY CRITICAL ACTIVITY



(57) Abstract

The present invention relates to a system for data processing a security critical activity in a secure management mode in a computer, which computer comprises a processor (10), handling devices (20, 28–38), memory storage means (14, 42), hereafter named resources; that the system comprises a security device (50) comprising a processor (52) and signal generators (SGPM, SGA), a number of control means, hereafter named switches (60), with signal receptors (SRA, SRM) arranged respectively between the security device and the pre-selected resources, that the switches contain information regarding accessibility to and from the resources, or parts of the resources, hereafter named resource ranges, wherein the switch controls requests from the computer processor to the resources or resource ranges depending on the information contained in the switch, and wherein, in response to a call from the computer processor or the handling devices, the switches are activated by receiving a signal (SGPM) from the security device, enabling the security device access to and from the resources or resource ranges selected by the security device, and denying the computer processor access to and from the resources or resource ranges selected by the security device.

ABSTRACT

A system for data processing a security critical activity in a secure management mode in a computer, which comprises a processor (10), handling devices (20, 28-38), memory storage resources (14, 42). The system comprises a security device (50) comprising a processor (52) and signal generators (SG_{PM}, SG_A), a number of control switches (60), with signal receivers (SR_A, SR_{PM}) arranged respectively between the security device and the pre-selected resources. The switches contain information regarding accessibility to and from the resources, or parts of the resources, hereafter named resource ranges, wherein the switch controls requests from the computer processor to the resources or resource ranges depending on the information contained in the switch, and wherein, in response to a call from the computer processor or the handling devices, the switches are activated by receiving a signal (SG_{PM}) from the security device, enabling the security device access to and from the resources or resource ranges selected by the security device, and denying the computer processor access to and from the resources or resource ranges selected by the security device.